Amendments to the Claims

1. (Original) A system comprising a tensioner for an endless power transmission belt in an engine, the system comprising:

an AGS pulley and crankshaft pulley coupled to the belt, one of the AGS pulley or the crankshaft pulley operating as a driving pulley that drives the belt so that a tight span and slack span are created in the belt on opposite sides of the driving pulley;

accessory pulleys coupled to the belt;

the tensioner comprising first and second arms, each arm rotatably coupled to a pulley, the pulleys being positioned such that a first one of the pulleys is coupled to the tight span and a second one of the pulleys is coupled to the slack span.

2. (Original) The system of claim 1, wherein the first and second arms are maintained at a constant angle with respect to each other.

3. (Cancelled)

4. (Original) The system of claim 1, wherein the system is configured to perform positive belt take-up.

5. (Original) The system of claim 1, wherein when the engine is running the arm and the pulley coupled to the tight span generate a desired tension in the slack span of the belt with the arm and pulley coupled to the slack span to prevent slippage of the belt.

6. (Original) The system of claim 1 wherein the tensioner further comprises a resilient device and wherein when the engine is started with the AGS a torque of the resilient device is configured to be less than a counteracting torque generated by a force imparted by a first one of the arms rotatably coupled to a first one of the pulleys in the tight span and force imparted by a second one of the arms rotatably coupled to a second one of the pulley in the slack span, such that slippage of the belt is prevented.

7. (Original) The system of claim 1, wherein the arms are made of a rigid metal.

8. (Original) The system of claim 1, wherein the tight span is created on an exit side of the crankshaft pulley and the slack span is created on an exit side of the AGS pulley.

9. (Original) A method of utilizing a tensioner for an endless power transmission belt in an engine, the method comprising the steps of:

providing an AGS pulley and crankshaft pulley coupled to the belt, one of the AGS pulley or the crankshaft pulley operating as a driving pulley that drives the belt so that a tight span and slack span are created in the belt on opposite sides of the driving pulley;

providing accessory pulleys coupled to the belt;

providing the tensioner with first and second arms, each arm rotatably coupled to a pulley, the pulleys being positioned such that a first one of the pulleys is coupled to the tight span and a second one of the pulleys is coupled to the slack span.

10. (Cancelled)

11. (Original) The method of claim 9 further comprising the step of maintaining the first and second arms at a constant angle with respect to each other.

12. (Original) The method of claim 9 further comprising the step of performing positive belt take-up.

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13. (Original) The method of claim 9 further comprising the step of preventing slippage of the belt by generating a desired torque in the slack span using the arm and pulley coupled to the slack span based on the arm and pulley coupled to the tight span.

14. (Original) The method of claim 9 further comprising the steps of providing a resilient device in the tensioner and preventing slippage of the belt when the engine is started with the AGS by generating a torque with the resilient device that is greater than a counteracting torque generated by a force imparted by a first one of the arms rotatably coupled to a first one of the pulleys in the tight span and force imparted by a second one of the arms rotatably coupled to a second one of the pulley in the slack span.

15. (Original) The method of claim 9 further comprising the steps of creating the tight span on an exit side of the crankshaft pulley and creating the slack span on the exit side of the AGS pulley.

16. (Original) A system comprising a tensioner for an endless power transmission belt in an engine, the system comprising:

an AGS pulley, a crankshaft pulley, and an accessory pulley coupled to the belt, such that, when one of the AGS pulley or the crankshaft pulley operates as a driving pulley to drive the engine a tight span is created on an exit side of the crankshaft pulley and a slack span is created on an exit side of the AGS pulley; and

the tensioner comprising first and second arms, each arm rotatably coupled to a pulley, the pulleys being positioned to be coupled to the belt on the opposite sides of the driving pulley.

17. (Original) The system of claim 16 further comprising more than one accessory pulley.

18. (Original) A system comprising a tensioner for an endless power transmission belt in an engine, the system comprising:

an AGS pulley and a crankshaft pulley coupled to the belt, such that when one of the AGS pulley or the crankshaft pulley operates as a driving pulley to drive the engine a slack span and a tight span are created in the belt on opposite sides of the driving pulley;

accessory pulleys driven by the belt;

the tensioner comprising first and second fixed-offset arms, each arm rotatably coupled to a pulley, the pulleys being positioned to be coupled to the belt on the opposite sides of the driving pulley.

19. (New) The system of claim 1 wherein the AGS pulley is a driving pulley and the crankshaft pulley is the driven pulley.

20. (New) The system of claim 19 wherein the first and second arms of the tensioner contact the belt on opposite sides of the AGS pulley.

21. (New) The system of claim 19 wherein the tensioner includes a resilient device and the first and second arms of the tensioner are coupled to the resilient device.

22. (New) The method of claim 9 wherein the AGS pulley is a driving pulley and the crankshaft pulley is the driven pulley.

23. (New) The method of claim 22 wherein the pulleys on the first and second arms of the tensioner contact the belt on opposite sides of the AGS pulley.

24. (New) The method of claim 9 wherein the tensioner includes a resilient device and the first and second arms of the tensioner are coupled to the resilient device.

25. (New) The system of claim 16 wherein the AGS pulley is the driving pulley.

26. (New) The system of claim 25 wherein the tensioner includes a resilient device and the first and second arms of the tensioner are coupled to the resilient device.

27. (New) The system of claim 18 wherein the AGS pulley is the driving pulley.